



## PIEFFE SUSTAKE 66

| CARATTERISTICHE<br><i>Properties</i>                                       | UNITA' DI MISURA<br><i>Measurement unit</i> | NORMA<br><i>Test method</i> | VALORE<br><i>Value</i> |
|--|---|-----------------------------|------------------------|
| DENSITA'<br><i>Density</i>   | g/cm <sup>3</sup>                           | DIN EN ISO 1183-1           | 1,15                   |
| ASSORBIMENTO DI UMIDITA'<br><i>Water absorption</i>                        | %   | DIN EN ISO 62               | 2,8                    |
| COMPORTAMENTO IN COMBUSTIONE<br><i>Flammability</i>                        | -   | ISO 1210 (UL 94)            | V2                     |
| TENSIONE DI SNERVAMENTO<br><i>Tensile strength</i>                         | MPa   | DIN EN ISO 527              | 85                     |
| ALLUNGAMENTO A ROTTURA<br><i>Elongation at break</i>                       | %   | DIN EN ISO 527              | 50                     |
| MODULO E/RIGIDITA' (tiro)<br><i>Tensile modulus of elasticity</i>          | MPa   | DIN EN ISO 527              | 3300                   |
| RESILIENZA (Charpy)<br><i>Notched impact strength (Charpy)</i>             | kJ/m <sup>2</sup>                           | DIN EN ISO 179              | 3,0                    |
| DUREZZA BRINELL<br><i>Ball indentation hardness</i>                        | MPa   | DIN EN ISO 2039-1           | 180                    |
| DUREZZA SHORE<br><i>Shore hardness</i>                                     | Shore D                                     | DIN EN ISO 868              | 83                     |
| TEMPERATURA DI FUSIONE<br><i>Melting temperature</i>                       | °C  | ISO 11357-3                 | 260                    |
| TEMPERATURA DI UTILIZZO SUL L.T.<br><i>Service temperature, long term</i>  | °C  | -                           | -30/+95                |
| TEMPERATURA DI UTILIZZO SUL B.T.<br><i>Service temperature, short term</i> | °C  | -                           | 170                    |
| COSTANTE DIELETTRICA RELATIVA<br><i>Dielectric constant</i>                | -   | DIN IEC 60250               | 3,8                    |
| FATTORE DI DISSIPAZIONE DIELETT.<br><i>Dielectric dissipation factor</i>   | -   | DIN IEC 60250               | 0,0150                 |
| RESISTIVITA' SPECIFICA<br><i>Specific volume resistivity</i>               | Ω · cm                                      | DIN EN 60093                | 10 <sup>15</sup>       |
| RESISTIVITA' SUPERFICIALE<br><i>Surface resistivity</i>                    | Ω   | DIN EN 60093                | 10 <sup>13</sup>       |
| IND. RILEVAMENTO LINEA DISPERSIONE<br><i>Comparative tracking index</i>    | -   | DIN EN 60112                | 600                    |
| RIGIDITA' DIELETTRICA<br><i>Dielectric strength</i>                        | kV/mm                                       | DIN EN 60243                | 25                     |

All statements, technical information and recommendations contained in this database are presented in good faith, based upon tests believed to be reliable and practical field experience. The reader is cautioned, however, that PIEFFE srl cannot guarantee the accuracy or completeness of this information, and it is the customer's responsibility to determine the suitability of PIEFFE srl products in any given application.